### Boring No. B-179A

<table>
<thead>
<tr>
<th>Depth</th>
<th>Sample</th>
<th>Soil Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>0.00</td>
<td></td>
<td>Gray to brown clay Bk</td>
</tr>
<tr>
<td>1.10</td>
<td></td>
<td>Clayey silt clay Bk</td>
</tr>
<tr>
<td>1.20</td>
<td></td>
<td>Clayey silt clay Bk</td>
</tr>
<tr>
<td>1.30</td>
<td></td>
<td>Clayey silt clay Bk</td>
</tr>
<tr>
<td>1.40</td>
<td></td>
<td>Clayey silt clay Bk</td>
</tr>
</tbody>
</table>

### Boring No. B-179B

<table>
<thead>
<tr>
<th>Depth</th>
<th>Sample</th>
<th>Soil Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>0.00</td>
<td></td>
<td>Gray to brown clay Bk</td>
</tr>
<tr>
<td>1.10</td>
<td></td>
<td>Clayey silt clay Bk</td>
</tr>
<tr>
<td>1.20</td>
<td></td>
<td>Clayey silt clay Bk</td>
</tr>
<tr>
<td>1.30</td>
<td></td>
<td>Clayey silt clay Bk</td>
</tr>
<tr>
<td>1.40</td>
<td></td>
<td>Clayey silt clay Bk</td>
</tr>
</tbody>
</table>

### Boring No. B-18

<table>
<thead>
<tr>
<th>Depth</th>
<th>Sample</th>
<th>Soil Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>0.00</td>
<td></td>
<td>Gray to brown clay Bk</td>
</tr>
<tr>
<td>1.10</td>
<td></td>
<td>Clayey silt clay Bk</td>
</tr>
<tr>
<td>1.20</td>
<td></td>
<td>Clayey silt clay Bk</td>
</tr>
<tr>
<td>1.30</td>
<td></td>
<td>Clayey silt clay Bk</td>
</tr>
<tr>
<td>1.40</td>
<td></td>
<td>Clayey silt clay Bk</td>
</tr>
</tbody>
</table>

### Boring No. B-19

<table>
<thead>
<tr>
<th>Depth</th>
<th>Sample</th>
<th>Soil Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>0.00</td>
<td></td>
<td>Gray to brown clay Bk</td>
</tr>
<tr>
<td>1.10</td>
<td></td>
<td>Clayey silt clay Bk</td>
</tr>
<tr>
<td>1.20</td>
<td></td>
<td>Clayey silt clay Bk</td>
</tr>
<tr>
<td>1.30</td>
<td></td>
<td>Clayey silt clay Bk</td>
</tr>
<tr>
<td>1.40</td>
<td></td>
<td>Clayey silt clay Bk</td>
</tr>
</tbody>
</table>

### Boring No. B-19

<table>
<thead>
<tr>
<th>Depth</th>
<th>Sample</th>
<th>Soil Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>0.00</td>
<td></td>
<td>Gray to brown clay Bk</td>
</tr>
<tr>
<td>1.10</td>
<td></td>
<td>Clayey silt clay Bk</td>
</tr>
<tr>
<td>1.20</td>
<td></td>
<td>Clayey silt clay Bk</td>
</tr>
<tr>
<td>1.30</td>
<td></td>
<td>Clayey silt clay Bk</td>
</tr>
<tr>
<td>1.40</td>
<td></td>
<td>Clayey silt clay Bk</td>
</tr>
</tbody>
</table>

### Boring No. B-19

<table>
<thead>
<tr>
<th>Depth</th>
<th>Sample</th>
<th>Soil Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>0.00</td>
<td></td>
<td>Gray to brown clay Bk</td>
</tr>
<tr>
<td>1.10</td>
<td></td>
<td>Clayey silt clay Bk</td>
</tr>
<tr>
<td>1.20</td>
<td></td>
<td>Clayey silt clay Bk</td>
</tr>
<tr>
<td>1.30</td>
<td></td>
<td>Clayey silt clay Bk</td>
</tr>
<tr>
<td>1.40</td>
<td></td>
<td>Clayey silt clay Bk</td>
</tr>
</tbody>
</table>

### Boring No. B-19

<table>
<thead>
<tr>
<th>Depth</th>
<th>Sample</th>
<th>Soil Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>0.00</td>
<td></td>
<td>Gray to brown clay Bk</td>
</tr>
<tr>
<td>1.10</td>
<td></td>
<td>Clayey silt clay Bk</td>
</tr>
<tr>
<td>1.20</td>
<td></td>
<td>Clayey silt clay Bk</td>
</tr>
<tr>
<td>1.30</td>
<td></td>
<td>Clayey silt clay Bk</td>
</tr>
<tr>
<td>1.40</td>
<td></td>
<td>Clayey silt clay Bk</td>
</tr>
</tbody>
</table>

### Boring No. B-19

<table>
<thead>
<tr>
<th>Depth</th>
<th>Sample</th>
<th>Soil Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>0.00</td>
<td></td>
<td>Gray to brown clay Bk</td>
</tr>
<tr>
<td>1.10</td>
<td></td>
<td>Clayey silt clay Bk</td>
</tr>
<tr>
<td>1.20</td>
<td></td>
<td>Clayey silt clay Bk</td>
</tr>
<tr>
<td>1.30</td>
<td></td>
<td>Clayey silt clay Bk</td>
</tr>
<tr>
<td>1.40</td>
<td></td>
<td>Clayey silt clay Bk</td>
</tr>
</tbody>
</table>

### Boring No. B-19

<table>
<thead>
<tr>
<th>Depth</th>
<th>Sample</th>
<th>Soil Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>0.00</td>
<td></td>
<td>Gray to brown clay Bk</td>
</tr>
<tr>
<td>1.10</td>
<td></td>
<td>Clayey silt clay Bk</td>
</tr>
<tr>
<td>1.20</td>
<td></td>
<td>Clayey silt clay Bk</td>
</tr>
<tr>
<td>1.30</td>
<td></td>
<td>Clayey silt clay Bk</td>
</tr>
<tr>
<td>1.40</td>
<td></td>
<td>Clayey silt clay Bk</td>
</tr>
<tr>
<td>Project</td>
<td>101 Lincoln Avenue</td>
<td>101 Lincoln Avenue</td>
</tr>
<tr>
<td>---------</td>
<td>-------------------</td>
<td>-------------------</td>
</tr>
<tr>
<td>Sheet</td>
<td>2</td>
<td>2</td>
</tr>
<tr>
<td>Type</td>
<td>1-2-7</td>
<td>1-2-7</td>
</tr>
<tr>
<td>Date</td>
<td>1-4-7</td>
<td>1-4-7</td>
</tr>
<tr>
<td>Owner</td>
<td>75th</td>
<td>75th</td>
</tr>
<tr>
<td>Contractor</td>
<td>Weimer Group, Inc.</td>
<td>Weimer Group, Inc.</td>
</tr>
<tr>
<td>Geotechnical Engineer</td>
<td>Pillow Associates, PA</td>
<td>Pillow Associates, PA</td>
</tr>
</tbody>
</table>

### Boring No. B-22

<table>
<thead>
<tr>
<th>Depth (ft)</th>
<th>Sampled</th>
<th>Soil Description</th>
<th>Bedrock</th>
</tr>
</thead>
<tbody>
<tr>
<td>30.5</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>30.6</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>30.7</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>30.8</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>30.9</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>31.0</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>31.1</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>31.2</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

### Boring No. B-23

<table>
<thead>
<tr>
<th>Depth (ft)</th>
<th>Sampled</th>
<th>Soil Description</th>
<th>Bedrock</th>
</tr>
</thead>
<tbody>
<tr>
<td>30.5</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>30.6</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>30.7</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>30.8</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>30.9</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>31.0</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>31.1</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>31.2</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

### Boring No. B-24

<table>
<thead>
<tr>
<th>Depth (ft)</th>
<th>Sampled</th>
<th>Soil Description</th>
<th>Bedrock</th>
</tr>
</thead>
<tbody>
<tr>
<td>30.5</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>30.6</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>30.7</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>30.8</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>30.9</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>31.0</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>31.1</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>31.2</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

### General Information

- **Project Name:** 101 Lincoln Avenue
- **Address:** 101 Lincoln Avenue
- **City:** Brooklyn
- **State:** New York
- **Zip Code:** 11218
- **Client:** Weimer Group, Inc.
- **Geotechnical Engineer:** Pillow Associates, PA
- **Date:** 1-4-7

---

*Note: The table and diagram provide detailed soil descriptions and depths for each boring. The bedrock levels are indicated at the bottom of each boring section.*
### Soil Classification Chart

<table>
<thead>
<tr>
<th>Major Divisions</th>
<th>Group Symbols (ASTM D2487)</th>
<th>Typical Descriptions</th>
</tr>
</thead>
<tbody>
<tr>
<td>Coarse-Grained Soil</td>
<td>GW</td>
<td>Well-Graded Gravel &amp; Gravel-Sand Mixtures, Little or No Fines</td>
</tr>
<tr>
<td>More than 50% retained on No. 200 sieve*</td>
<td>GP</td>
<td>Poorly Graded Gravel &amp; Gravel-Sand Mixtures, Little or No Fines</td>
</tr>
<tr>
<td>Gravel</td>
<td>GM</td>
<td>Silty Gravel, Gravel Sand Clay Mixtures</td>
</tr>
<tr>
<td>More than 5% of Coarse Fraction Retained on No. 4 Sieve</td>
<td>GC</td>
<td>Clayey Gravel, Gravel Sand Clay Mixtures</td>
</tr>
<tr>
<td>Sands</td>
<td>SW</td>
<td>Well-Graded Sand &amp; Gravelly Sand, Little or No Fines</td>
</tr>
<tr>
<td>More than 50% of Coarse Fraction Passes No. 4 Sieve</td>
<td>SP</td>
<td>Poorly Graded Sand &amp; Gravelly Sand, Little or No Fines</td>
</tr>
<tr>
<td>Clean Sand</td>
<td>SM</td>
<td>Silty Sand, Sand-Silt Mixtures</td>
</tr>
<tr>
<td>Sand With Fines</td>
<td>SC</td>
<td>Clayey Sand, Sand-Clay Mixtures</td>
</tr>
<tr>
<td>Fine-Grained Soil</td>
<td>ML</td>
<td>Inorganic Silt, Very Fine Sand, Rock Flour, Silty or Clayey Fine Sand</td>
</tr>
<tr>
<td>Liquid Limit Less Than 50%</td>
<td>CL</td>
<td>Inorganic Clay of Low to Medium Plasticity, Gravelly Clay, Sandy Clay, Silty Clay, Lean Clay</td>
</tr>
<tr>
<td>Silts &amp; Clays</td>
<td>OL</td>
<td>Organic Silt &amp; Organic Silty Clay of Low Plasticity</td>
</tr>
<tr>
<td>Liquid Limit Greater Than 50%</td>
<td>MH</td>
<td>Inorganic Silt, Micaeous or Diatomaceous Fine Sand or Silt, Elastic</td>
</tr>
<tr>
<td>Silt &amp; Clay</td>
<td>CH</td>
<td>Inorganic Clay of High Plasticity, Fat Clay</td>
</tr>
<tr>
<td>Highly Organic Soil</td>
<td>OH</td>
<td>Organic Clay of Medium to High Plasticity</td>
</tr>
<tr>
<td></td>
<td>PT</td>
<td>Peat, Muck &amp; Other Highly Organic Soil</td>
</tr>
</tbody>
</table>

* Based on material passing the 3" (75mm) sieve

### Gradation**

<table>
<thead>
<tr>
<th>Term</th>
<th>% by Weight</th>
</tr>
</thead>
<tbody>
<tr>
<td>Trace</td>
<td>1 to 10</td>
</tr>
<tr>
<td>Little</td>
<td>10 to 20</td>
</tr>
<tr>
<td>Some</td>
<td>20 to 35</td>
</tr>
<tr>
<td>And</td>
<td>35 to 50</td>
</tr>
</tbody>
</table>

### Compactness**

<table>
<thead>
<tr>
<th>Term</th>
<th>% Relative Density</th>
</tr>
</thead>
<tbody>
<tr>
<td>Loose</td>
<td>0 to 40</td>
</tr>
<tr>
<td>Medium Dense</td>
<td>41 to 70</td>
</tr>
<tr>
<td>Dense</td>
<td>71 to 90</td>
</tr>
<tr>
<td>Very Dense</td>
<td>91 to 100</td>
</tr>
</tbody>
</table>

### Consistency**

<table>
<thead>
<tr>
<th>Term</th>
<th>Shear Strength</th>
</tr>
</thead>
<tbody>
<tr>
<td>Soft</td>
<td>Less than 0.25</td>
</tr>
<tr>
<td>Firm</td>
<td>0.25 to 0.5</td>
</tr>
<tr>
<td>Stiff</td>
<td>0.5 to 1.0</td>
</tr>
<tr>
<td>Very Stiff</td>
<td>1.0 to 2.0</td>
</tr>
<tr>
<td>Hard</td>
<td>Over 2.0</td>
</tr>
</tbody>
</table>

** Values are from laboratory or field test data, where applicable, when no testing was performed values are estimated.